in which radicals \mathbb{R}^1 to \mathbb{R}^{17} , independently of one another, have the following meanings:

- R¹ is a halogen atom, a hydroxyl group, a methyl group, a trifluoromethyl group, a methoxy group, an ethoxy group or a hydrogen atom;
- R² is a halogen atom, a hydroxyl group, a straight-chain or branched-chain, saturated or unsaturated alkoxy group with 1 to 6 carbon atoms or a hydrogen atom;
- R⁴ is a halogen atom, a straight-chain or branched-chain, saturated or unsaturated alkyl group with 1 to 10 carbon atoms, a trifluoromethyl or pentafluoroethyl group, a straight-chain or branched-chain, saturated or unsaturated alkoxy group with 1 to 6 carbon atoms or a hydrogen atom;
- R^7 is a halogen atom in α- or β-position, a straight-chain or branched-chain, saturated or unsaturated, optionally partially or completely fluorinated alkyl group with 1 to 10 carbon atoms in α- or β-position, a straight-chain or branched-chain, saturated or unsaturated alkoxy group with 1 to 6 carbon atoms, an optionally substituted aryl or heteroaryl radical or a hydrogen atom;
- R⁸ is a hydrogen atom in α or β -position, a straight-chain or branched-chain, saturated or unsaturated, optionally partially or completely fluorinated alkyl group with 1 to 10 carbon atoms in α or β -position or a cyano group in α or β -position;
- R^9 is a hydrogen atom in α or β -position, a methyl, ethyl, trifluoromethyl or pentafluoroethyl group in α or β -position;
- R¹¹ is a nitrooxy group in α or β -position, a hydroxyl or mercapto group in α or β -position, a halogen atom in α or β -position, a chloromethyl group in α or β -position, a straight-chain or branched-chain, saturated or unsaturated, optionally partially or completely

fluorinated alkyl group with 1 to 10 carbon atoms in α - or β -position, a straight-chain or branched-chain, saturated or unsaturated alkoxy or alkylthio group with 1 to 6 carbon atoms, an optionally substituted aryl or heteroaryl radical or a hydrogen atom;

Cost

 R^{13} is a methyl, ethyl, trifluoromethyl or pentafluoroethyl group in β -position; and either

 R^{14} is a straight-chain or branched-chain, saturated or unsaturated, optionally partially or completely fluorinated alkyl group with 1 to 10 carbon atoms in α - or β -position or a hydrogen atom in α - or β -position

is a halogen atom in α - or β -position, a straight-chain or branched-chain, saturated or unsaturated, optionally partially or completely fluorinated alkyl group with 1 to 10 carbon atoms in α - or β -position that can be interrupted by one or more oxygen atoms, sulfur atoms, sulfoxide or sulfone groups or imino groups = $NR^{15'}$ wherein $R^{15'}$ = hydrogen atom, methyl, ethyl, propyl, **i**-propyl; or a hydrogen atom

or

and

 R^{14} and R^{15} together is a $14\alpha,15\alpha$ -methylene or $14\beta,15\beta$ -methylene group that are optionally substituted with one or two halogen atoms;

 R^{16} is a straight-chain or branched-chain, saturated or unsaturated, optionally partially or completely fluorinated alkyl group with 1 to 10 carbon atoms in α - or β -position, a trifluoromethyl or pentafluoroethyl group, a cyanomethyl group or a hydrogen atom in α - or β -position;

C2

R¹⁷ is a halogen atom in α - or β -position, a straight-chain or branched-chain, saturated, optionally partially or completely fluorinated alkyl group with 1 to 10 carbon atoms in α - or β -position or a hydrogen atom,

the dotted lines ----- in rings B, C and D indicate single bonds, and

the wavy lines mean the arrangement of the respective substituent in α - or β -position,

excluding the compounds estra-1,3,5(10)-triene-3,16 α -diol, estra-1,3,5(10)-triene-3,16 β -diol, 16 β -ethinylestra-1,3,5(10)-triene-3,16 α -diol and 16 α -ethinylestra-1,3,5(10)-triene-3,16 β -diol.